

REMARKS

Favorable reconsideration and allowance of the subject application are respectfully requested. Claims 1-4 and 6-13 are pending in the present application, with claims 1 and 2 being independent. Claim 5 has been cancelled without prejudice or disclaimer to the subject matter contained therein.

Allowable Subject Matter

Applicants note with appreciation, that the Examiner states on page 4 of the Office Action, that claims 5 and 6 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. For at least the reasons detailed below, Applicants respectfully submit that all pending claims are allowable.

Drawings

Applicants submit herewith a Drawing Correction Authorization Request, adding the label "Conventional Art" to Figs. 1 and 2, and correcting a minor typographical error in Fig. 4(b).

Claim Rejections Under 35 U.S.C. §102

The Examiner rejected claims 1, 2, 4, 7 and 8 under 35 U.S.C.

§102(b) as being anticipated by *Hiroyoshi* (JP 08-330864). This rejection is respectfully traversed insofar as it pertains to the presently pending claims.

Hiroyoshi is directed to a high-frequency amplifier, which can be adjusted to increase or decrease an inductance and a capacitance in an inter-stage matching circuit. The high-frequency amplifier of *Hiroyoshi* includes an inter-stage matching circuit 8, which is between a drain terminal of amplifying elements FET1 and FET2. The inter-stage matching circuit 8 includes a drain ribbon 31, an inductance element 80, a capacitor 34, a capacitance element 90 and a gate ribbon 33, which are all serially connected.

Applicants have amended claims 1 and 2 to include the subject matter of allowable claim 5 (which has been cancelled by this amendment). Because the Examiner indicated that claim 5 would be allowable and because of the amendments made to independent claims 1 and 2, claims 1 and 2 should now be considered allowable.

Claims 3 and 4 are dependent from claim 8, which should be considered allowable at least for depending from an allowable base claim.

Claim Rejections Under 35 U.S.C. §103

The Examiner rejected claim 3 under 35 U.S.C. §103(a) as being

unpatentable in view of *Hiroyoshi*. This rejection is respectfully traversed.

Claim 3 is a dependent claim, which Applicants submit defines over the applied prior art at least for depending from an allowable base claim. Accordingly, Applicants respectfully request that the Examiner withdraw the rejection and further the application to allowance.

Newly added claims 9-13 should be considered allowable at least for the above reasons.

Conclusion

In view of the above amendments and remarks, this application appears to be in condition for allowance and the Examiner is, therefore, requested to reexamine the application and pass the claims to issue.

Attached hereto is a marked-up version of the changes made to the application by this Amendment.

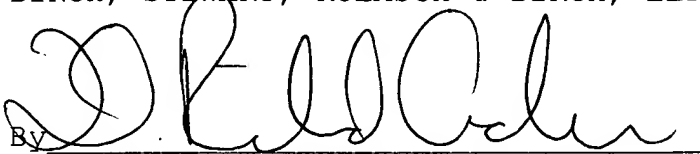
Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Martin Geissler (Reg. 51,011) at telephone number (703) 205-8000, which is located in the Washington, DC area.

If necessary, the Commissioner is hereby authorized in this,

concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP


BY _____

D. Richard Anderson, #40,439

DRA/~~MRG~~:tm
1163-0355P

P.O. Box 747
Falls Church, VA 22040-0747
(703) 205-8000

Attachment: Version With Markings To Show Changes Made
Drawing Correction Authorization Form

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the Specification:

The heading on page 6, line 6, has been amended as follows:

[DISCLOSURE] SUMMARY OF THE INVENTION

The heading on page 8, line 25, has been amended as follows:

[BEST MODE FOR CARRYING OUT] DETAILED DESCRIPTION OF THE
INVENTION

In the Claims:

Claim 5 has been cancelled without prejudice or disclaimer
to the subject matter contained therein.

The claims have been amended as follows:

1. (ONCE AMENDED) A multistage amplifier, comprising:

a plurality of amplifying elements for amplifying an input
signal stage by stage and outputting an amplified signal; and

a matching circuit, arranged between each pair of amplifying
elements adjacent to each other, for performing an impedance
matching between the pair of amplifying elements,

[characterized in that] wherein one of the matching [circuit]
circuits comprises:

a one-stage high pass filter type matching unit having a parallel inductor and a serial capacitor; and

a one-stage low pass filter type matching unit serially connected with the one-stage high pass filter type matching unit.

2. (ONCE AMENDED) A multistage amplifier [according to claim 1, wherein] , comprising:

a plurality of amplifying elements for amplifying an input signal stage by stage and outputting an amplified signal; and

a matching circuit, arranged between each pair of amplifying elements adjacent to each other, for performing an impedance matching between the pair of amplifying elements,

wherein the matching circuit arranged between the final-stage amplifying element and the amplifying element placed just before the final-stage amplifying element comprises: [the]

a one-stage high pass filter type matching unit having a parallel inductor and a serial capacitor; and [the]

a one-stage low pass filter type matching unit serially connected with each other.

6. (ONCE AMENDED) A multistage amplifier according to claim 1 [5], wherein a bias supply short stub having a length equal to or

shorter than $1/4$ of a wavelength of the input signal is used as the parallel inductor.

Claims 9-13 have been added by this amendment.